

ccccttctgc actaggcctt tcagtgttgc catggtctga ctctgaccct
tggcatatct cagtgagccc ttgcgctcag cgtgaacact atagtccagg
atccgctcac ataaattctc taaggcctct tccagccttg tctctgaaac
gctgtaaggc acgtgtctct tcctcttgcc tgtatccagc acctgccccca
gctccagcgc ctctcgagat cgaccggtgc gactcagttc cgctgtagc
tctgtgctca gcagcttaca cactggtggg gaggagaaac gtccggg
(SEQ ID NO:1)

[ctggttcttgtctggcttggcccaa (CTTCTCGGGATCGGCCAGTTCGACT)]
(SEQ ID NO:2)

[ggtcctcgctctgtgtccggtgaa (AGAAGTGCTGGAGCTGGGTCAGGTG)]
(SEQ ID NO:3)

FIGURE 1

tail suspension - total time immobile

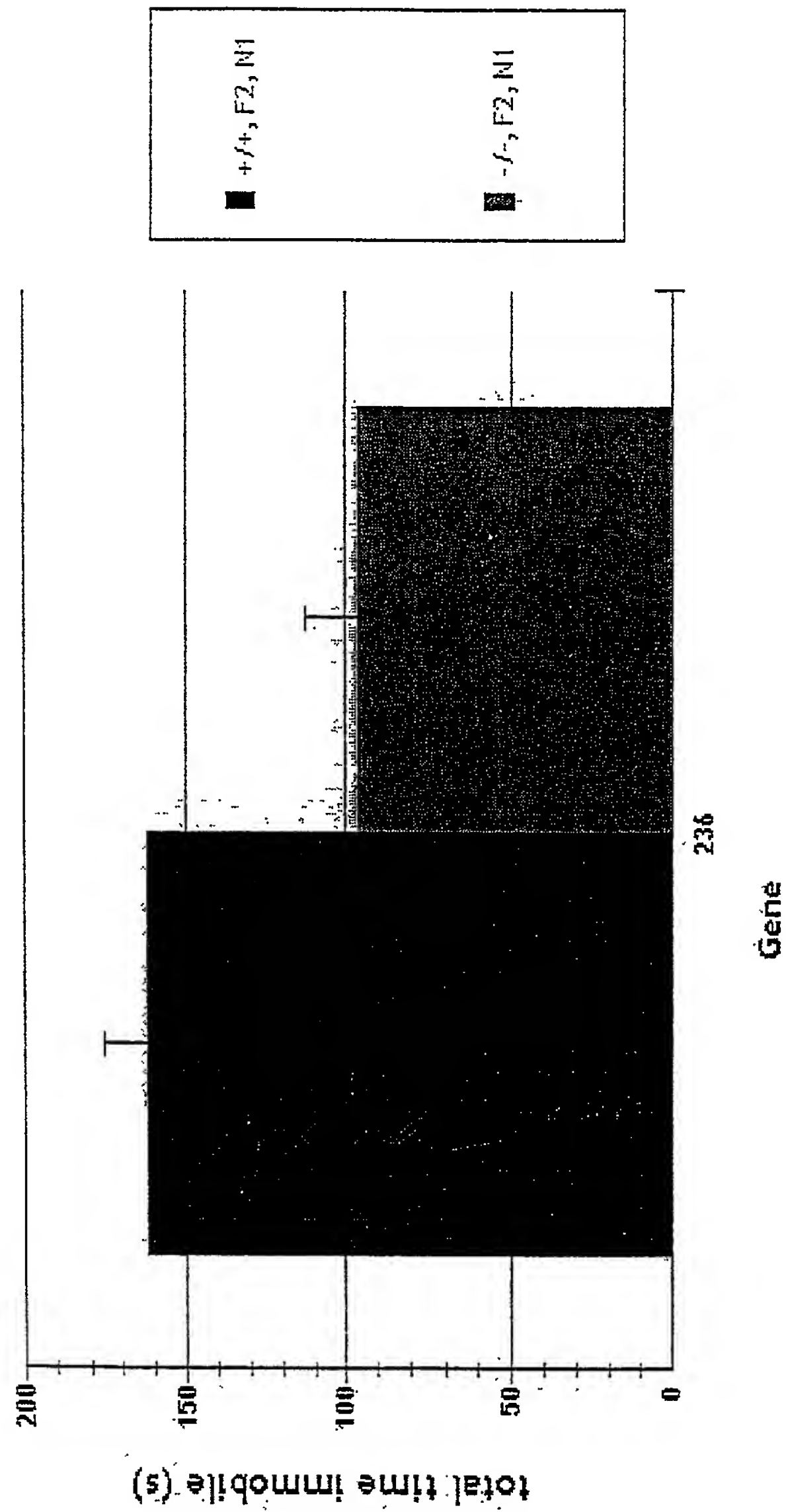


FIGURE 2

ANOVA Table for latency
Row exclusion: t236shuttledata.svd

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
geno	1	25.632	25.632	.953	.3388	.953	.148
Residual	24	645.835	26.910				

Means Table for latency
Effect: geno
Row exclusion: t236shuttledata.svd

	Count	Mean	Std. Dev.	Std. Err.
++	10	8.361	4.113	1.301
--	16	10.402	5.736	1.434

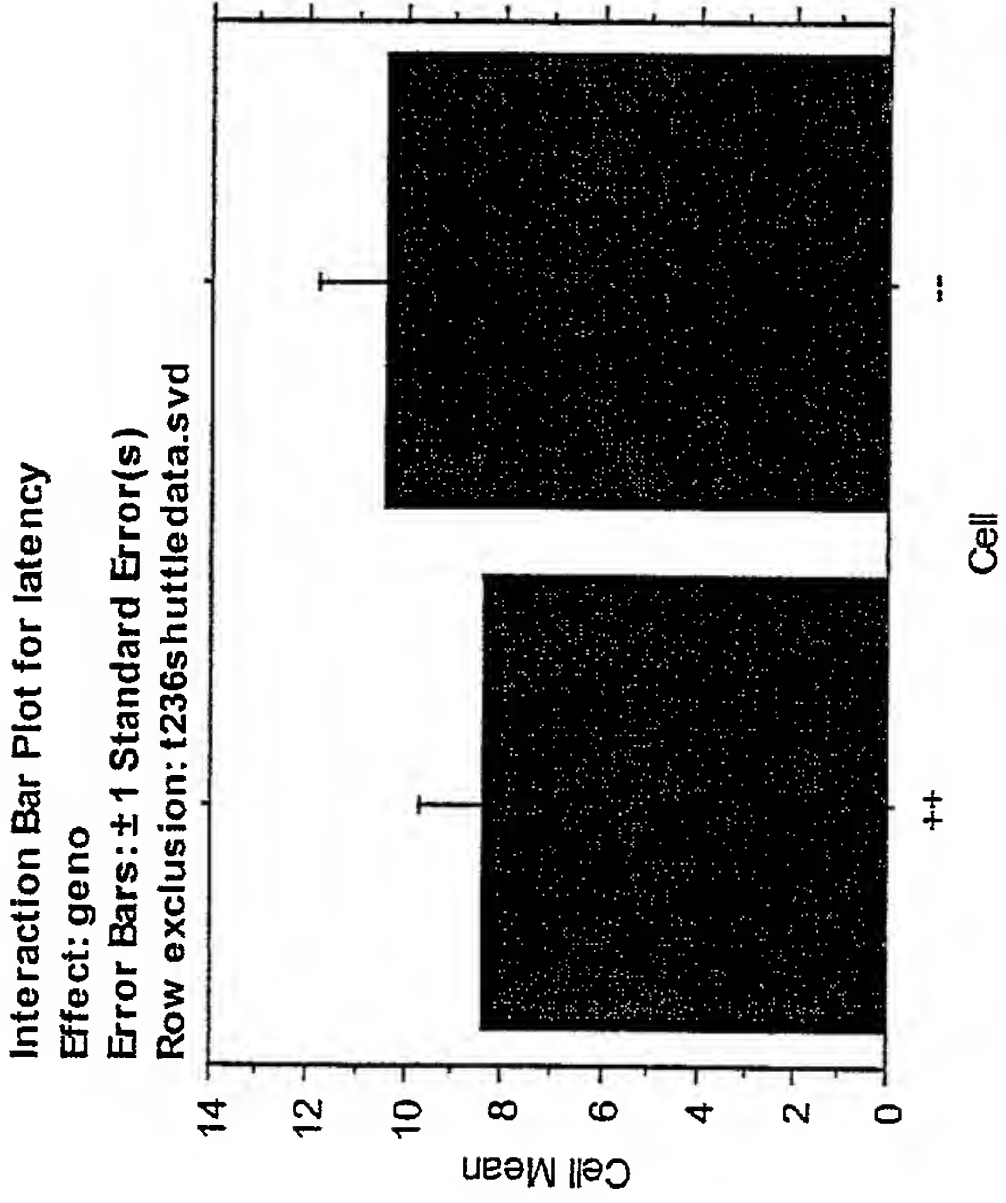


FIGURE 3

ANOVA Table for 1wk latency
 Row exclusion: t236shuttledata.svd

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
geno	1	39.740	39.740	5.675	.0300	5.675	.606
Residual	16	112.042	7.003				

Means Table for 1wk latency
 Effect: geno
 Row exclusion: t236shuttledata.svd

	Count	Mean	Std. Dev.	Std. Err.
++	8	3.609	1.616	.572
--	10	6.599	3.227	1.021

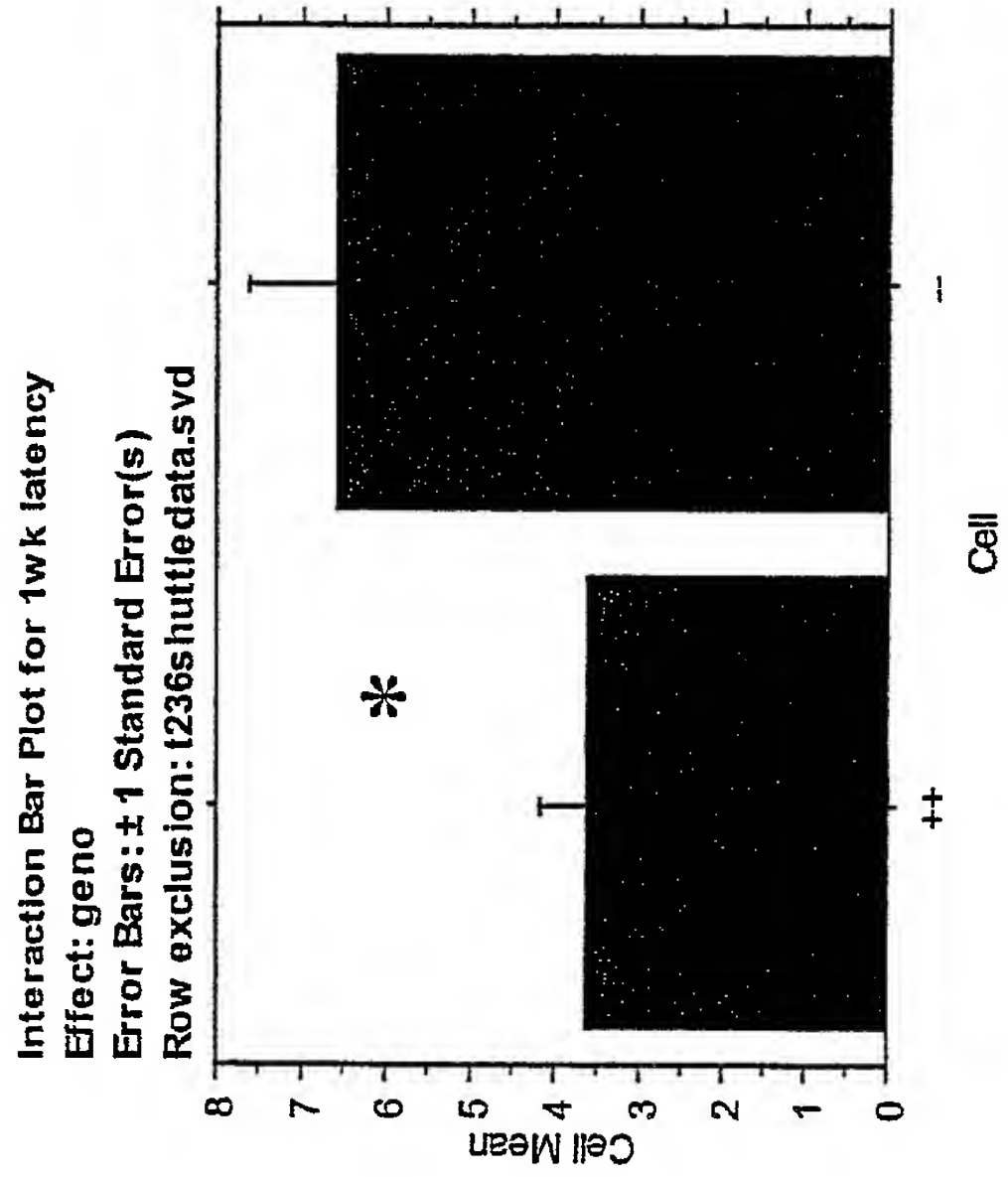


FIGURE 4

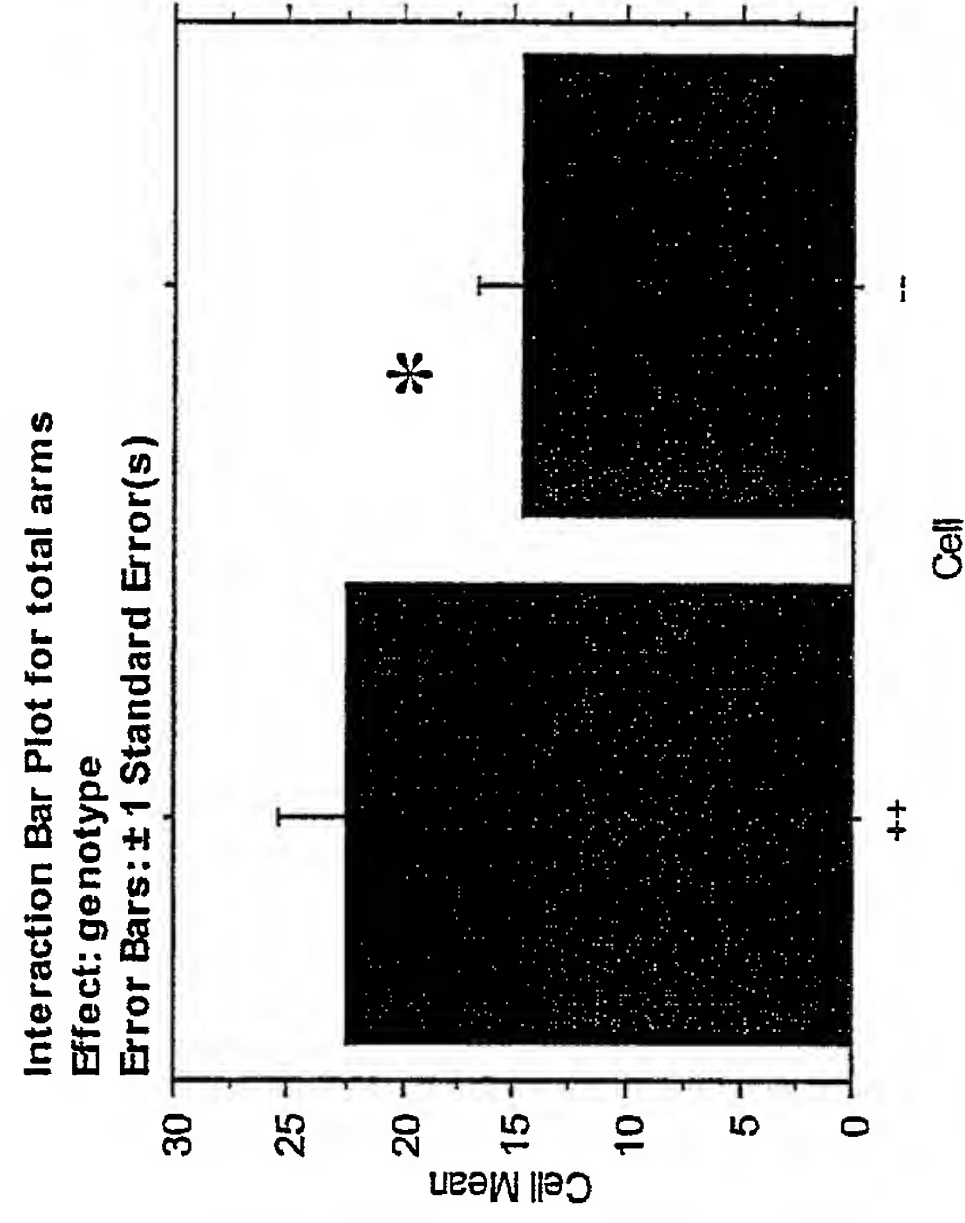
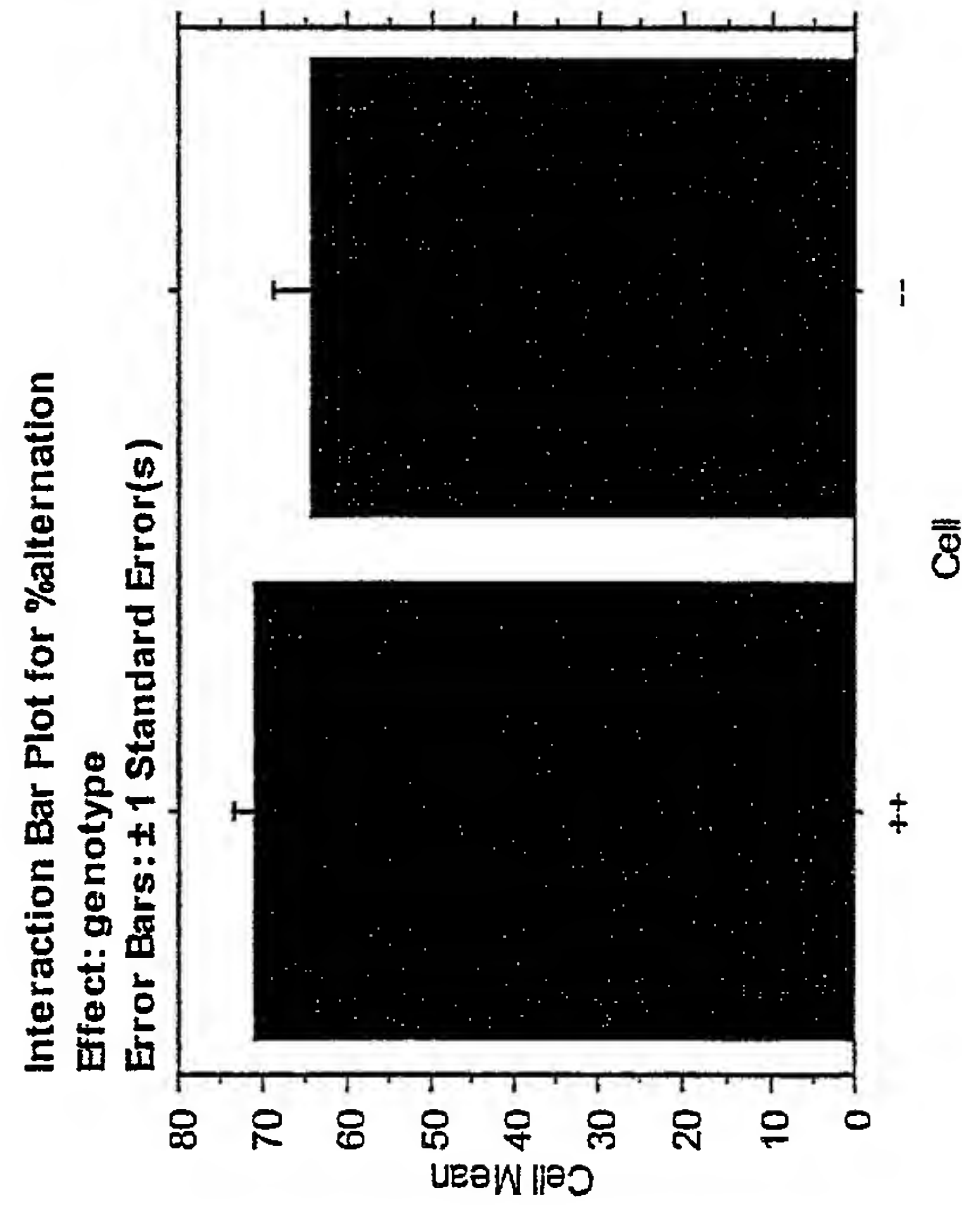


FIGURE 5

ANOVA Table for Open Field average velocity

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Genotype	1	5.208	5.208	.040	.8442	.040	.054
Residual	20	2626.664	131.333				

Means Table for Open Field average velocity

Effect: Genotype

	Count	Mean	Std. Dev.	Std. Err.
+/+	12	38.348	12.933	3.733
-/-	10	37.370	9.350	2.957

Interaction Bar Plot for Open Field average velocity

Effect: Genotype

Error Bars: ± 1 Standard Error(s)

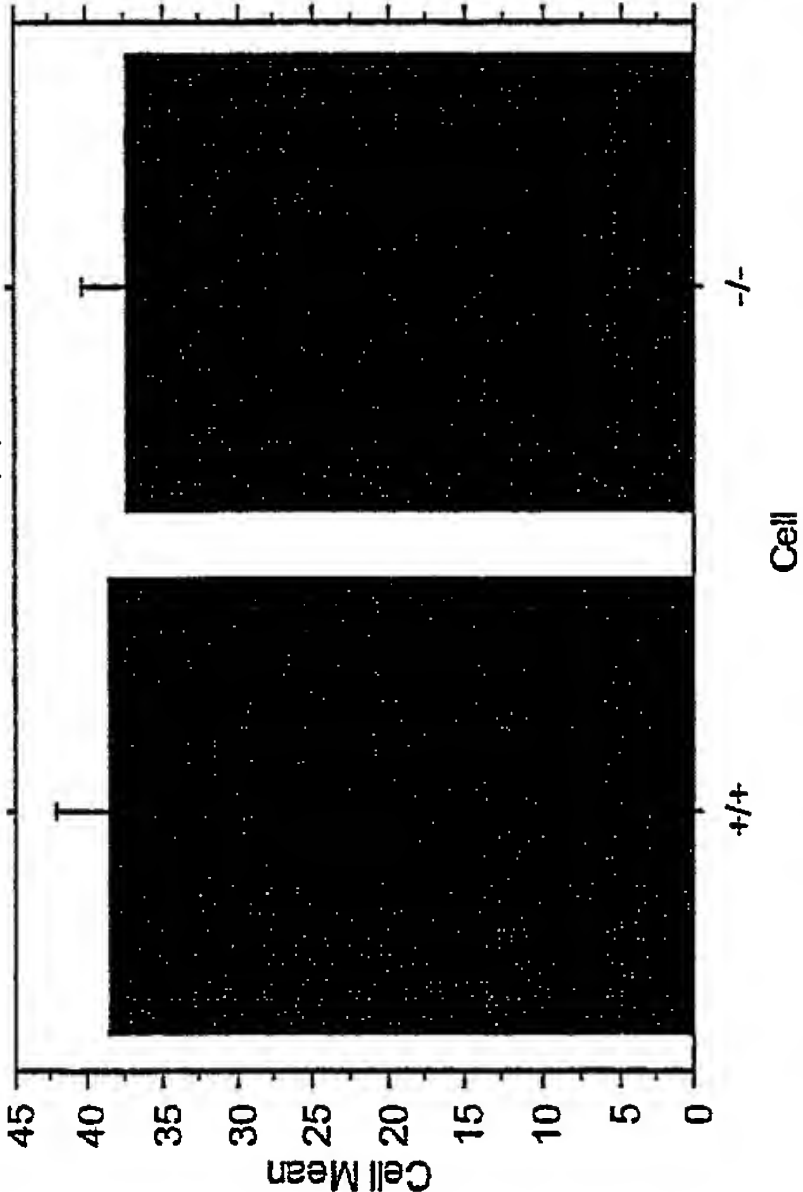


FIGURE 6